GUARDIAN
FALL PROTECTION
PERFORMANCE SAFETY GEAR

Guardian Hammer
Part # 14000

USER'S MANUAL

DO NOT THROW AWAY THESE INSTRUCTIONS!
READ AND UNDERSTAND BEFORE USING EQUIPMENT!

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WARNING!

DO NOT:

- **Do not alter or misuse the equipment unless approved by manufacturer.**
- **Do not use combinations of components or subsystems that may affect or interfere with the safe, compatible function of each other.**
- **Do not expose the equipment to chemicals which may produce a harmful effect or degrade the equipment. Consult manufacturer in cases where doubt exists.**
- **Do not use the equipment around moving machinery or electrical hazards unless specifically designed for such use.**
- **Do not use the equipment around sharp edges or abrasive surfaces unless intended for such use.**

INTRODUCTION:

Thank you for purchasing the Guardian Hammer. This manual should be read and understood in its entirety, and used as part of a training program as required by OSHA or any applicable state regulatory agency.

This and any other included instructions must be made available to the users of the equipment. The user must understand the proper equipment use and limitations.

This manual covers the maintenance, installation, and use of the Guardian Hammer.
Guardian Part Number: 14000

USER INFORMATION:

Date of First Use _____

Serial # _____

Trainer _____

User _____

GENERAL SYSTEM SELECTION CRITERIA:

Selection of fall protection shall be made by a Competent Person. All fall protection equipment shall be purchased new and unused.

The equipment is designed for use as a part of a personal fall protection system. Components shall not be used for any other operation other than that which it has been designed and approved.

Fall Protection Systems shall be designed to comply with OSHA or applicable state regulatory limitations. Systems must be used in a compliant manner.

Consult a doctor if there is any reason to doubt a user's ability to withstand and safely absorb fall arrest forces or perform setup of equipment. Age, fitness, and health conditions can seriously affect the worker should a fall occur. Pregnant women and minors should not use this equipment.

IMPORTANT!
DO NOT HANG EQUIPMENT, RIGGING, OR STAGING FROM FALL PROTECTION ANCHORS.

TRAINING REQUIREMENTS:

The employer must ensure that each employee who might be exposed to fall hazards has been trained by a Competent or Qualified Person. The training program must include the following:

- The ability to recognize the hazards of falling
- The procedures to be followed in order to minimize these hazards.
- All Relevant Federal, State, and local regulatory requirements, procedures, and standards
- Correct erecting, maintaining, disassembling, and inspection of the fall protection systems being used
- Use of personal fall arrest systems

RESCUE PLAN:

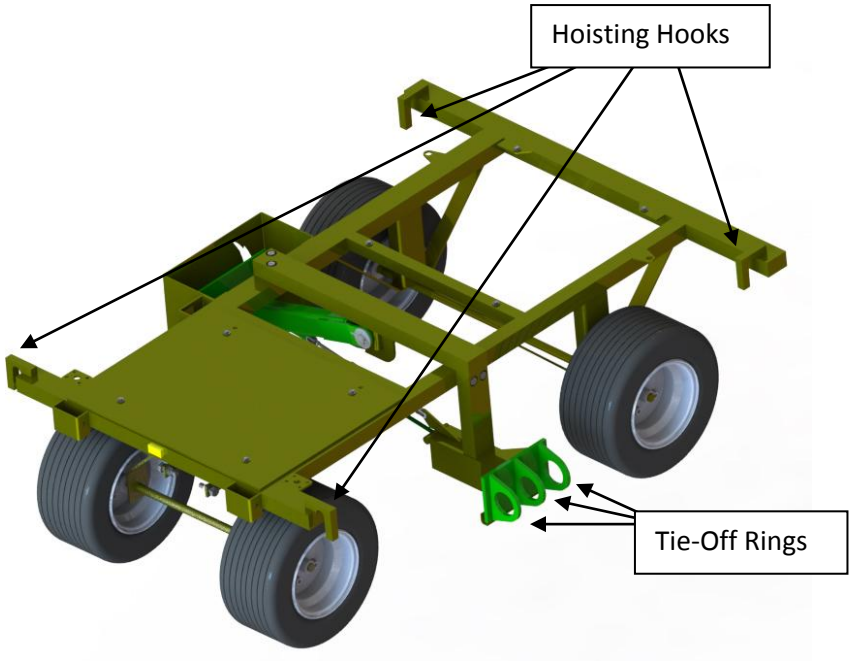
The user is required to have a rescue plan and the means at hand to implement it when using the equipment. The plan shall be project specific. Employees shall be trained in self-rescue or alternate means shall be provided for prompt rescue in the event of a fall.

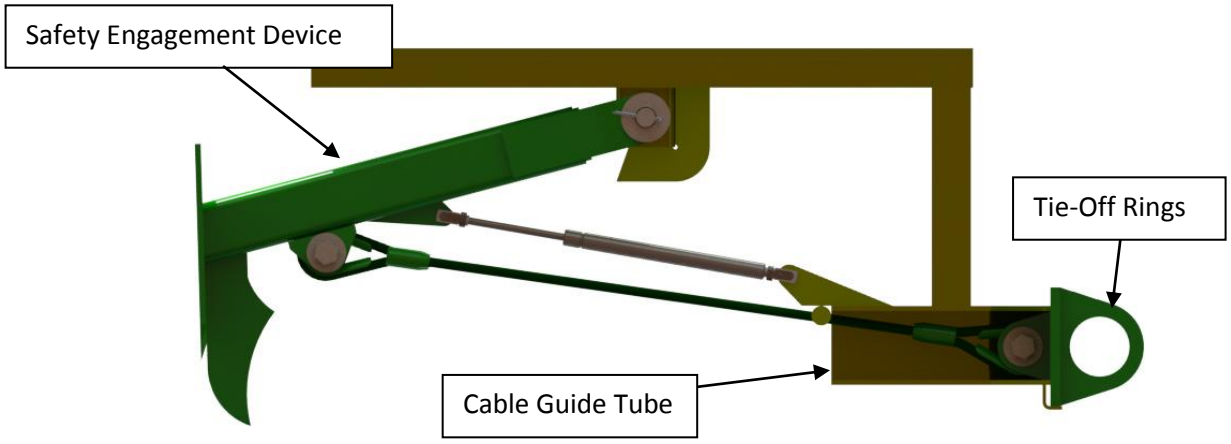
IMPORTANT!

ANY EQUIPMENT SUBJECTED TO THE FORCES OF A FALL ARREST MUST BE REMOVED FROM SERVICE IMMEDIATELY. CONTACT YOUR DISTRIBUTOR OR GUARDIAN ABOUT POLICIES REGARDING REPLACEMENT OF GUARDIAN COMPONENTS INVOLVED IN A FALL.

DESCRIPTION OF GUARDIAN HAMMER:

The Guardian Hammer device is a mobile device that provides an anchorage point for personal fall arrest systems. Typical fall arrest systems include a full body harness, anchor point, connectors, and a lanyard.





MAINTENANCE, CLEANING, AND STORAGE:

- Repairs to the Guardian Hammer can be made only by a Guardian representative or person or entity authorized by Guardian. Contact Guardian for maintenance and repair.
- Cleaning after use is important for maintaining the safety and life of the equipment.
- Cleanse the equipment of all dirt, corrosives, and contaminants.
- If the Guardian Hammer cannot simply be wiped clean use a mild soap and water, rinse, wipe to dry.
- Store the Guardian Hammer where it cannot be affected by heat, light, excessive moisture, oil, chemicals, or other degrading elements.
- Keep wheels clear of roofing debris and other build up. Build up on wheels can cause the bark to not function correctly.

INSPECTION:

- Before each use, the worker must inspect all fall protection equipment.
- A formal inspection must be made by a Competent or Qualified Person other than the user at least every six months. Record the results of these inspections in the Inspection Log in the back of this manual.
- Visually inspect all components of the Hammer, looking for any signs corrosion, bending, cracks, or deformations, paying particular attention to the welded areas.
- Check D-Rings for distortion or damage.
- Check Engagement Arm. Ensure that it moves freely.
- Check cables for wear, rust, or frays. DO NOT use if cable is damaged.
- Check that all bolts and pins are in place as missing components can severely compromise the safety of the Hammer.
- Check Safety Cable Ring Attachment plate to ensure that it moves freely.

WARNING!
IF ANY COMPONENT OF THE HAMMER DOES NOT PASS INSPECTION, REMOVE FROM SERVICE IMMEDIATELY. CONTACT GUARDIAN ABOUT RETURNING DAMAGED UNITS.

PRIOR TO EACH USE:

- Fall protection passive and active equipment shall be inspected by the user for defects, damage, or deterioration.
- Any suspected defective equipment shall be removed from service.
- If the manufacturer's label is not legible or is missing, the equipment shall be removed from service.

IMPORTANT!

CONSULT WITH YOUR DOCTOR IS THERE IS REASON TO DOUBT YOUR FITNESS TO SAFELY ABSORB THE SHOCK FROM A FALL ARREST. AGE, FITNESS, AND HEALTH CONDITIONS CAN SERIOUSLY AFFECT A WORKER'S ABILITY TO WITHSTAND FALLS. PREGNANT WOMEN OR MINORS MUST NOT USE ANY GUARDIAN FALL PROTECTION EQUIPMENT.

PRODUCT APPLICATION INFORMATION:

The Guardian Hammer is designed for use for Personal Fall Arrest or Fall Restraint. The Hammer is designed for use by three people for Personal Fall Arrest AND two people for Personal Fall Restraint. No more than five people can be tied off to the Hammer at any one time.

- **PERSONAL FALL ARREST:** Guardian Hammer can be used as a component of a Personal Fall Arrest System (PFAS) to protect the user in the event of a fall. PFAS typically include a full body harness, a connecting component, and a secure anchor point. Maximum permissible fall is six (6) feet.
- **RESTRAINT:** Guardian Hammer can be used as a component of a restraint system to prevent the user from reaching a fall hazard. Restraint systems typically include a full body harness, a lanyard or restraint line, and a secure anchor point. NO VERTICAL FREE FALL IS PERMITTED.

APPLICABLE STANDARDS:

This product is designed to comply with OSHA and ANSI Z359.1 standards when used properly, and in accordance with manufacturer's instructions. Standards might include OSHA regulations, depending on the type of work being done and also might include state regulations if applicable. Consult regulatory agencies for more information on personal fall arrest systems and associated components.

WARNING!

DO NOT USE THE GUARDIAN HAMMER ON TECTUM DECK,
METAL DECK LESS THAN 22 GA., LOOSE MATERIAL, SNOW OR ICE.

LIMITATIONS:

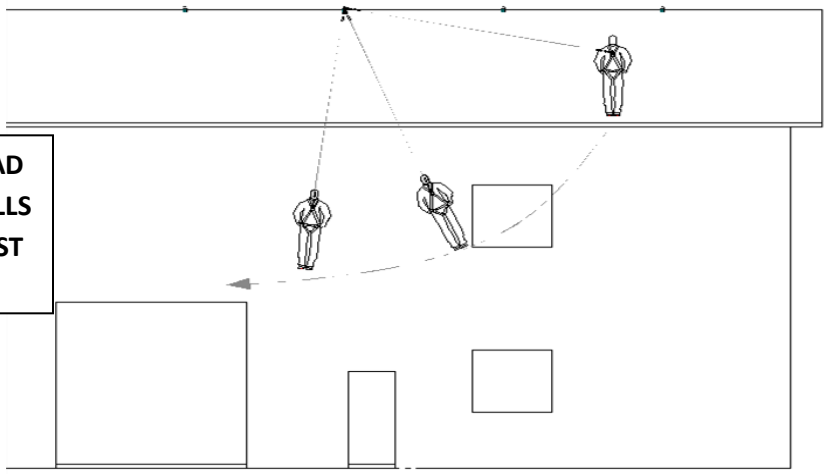
- **CAPACITY:** The Hammer is designed for use by persons with a combined weight (clothing, tools, etc.) or no more than 310 lbs. per person using an approved connecting system. No more than THREE personal protective systems may be connected to the HAMMER at one time. If Fall Restraint Tie-Off Rings are installed two additional people may be tied off for a maximum of FIVE individuals using personal protective systems tied off to the HAMMER.

- **FREE FALL:** Personal Fall Arrest Systems (PFAS) used with this equipment must be rigged to limit the freefall to six (6) feet as called out in ANSI Z359.1. Only qualified and personnel trained on the proper use of fall protection such as this anchor are allowed to use this product. Restraint systems must be rigged so that no vertical free fall is possible.

- **FALL CLEARANCE:** There must be sufficient clearance below the use to arrest a fall before the user strikes the ground or any other obstruction. At least 20' of clearance is needed for fall arrest systems. A hazard assessment by a trained and Competent Person is recommended before any work is started that would include the use of fall protection.

- **SWING FALLS:** Swing falls occur when the anchorage point is not directly above the point where a fall occurs. The force of striking an object in a swing fall may cause serious injury or death. Minimize the risk of swing falls by working as close to the anchorage point as possible. **Do NOT permit a swing fall if injury could occur. Swing falls will significantly increase the clearance required when a self retracting lifeline or other variable length connecting system is used. The free fall from a swing fall must not be more than six feet.**

ATTACH TO OVERHEAD ANCHORS. SWING FALLS INCREASE FALL ARREST DISTANCE!



- **POTENTIAL ENVIRONMENTAL HAZARDS:** Use of fall protection equipment in areas with environmental hazards may require additional precautions to prevent injury to the user or damage to the equipment. Hazards may include but are not limited to chemicals, corrosive environments, high voltage power lines, gases, moving machinery and sharp edges.

WARNING!

TRAINING SHOULD BE CONDUCTED WITHOUT EXPOSING ANYONE TO A FALL HAZARD. TRAINING SHOULD BE REPEATED ON A PERIODIC BASIS IN ACCORDANCE WITH YOUR ORGANIZATION'S POLICY AND COMPLIANCE WITH OSHA REGULATIONS.

SYSTEM REQUIREMENTS:

- **COMPATIBILITY OF COMPONENTS:** Guardian Fall Protection equipment is designed to be used with Guardian approved components. Please contact Guardian if you have a question regarding compatibility. Making substitutions without approval from Guardian may lead to injuries and/or death by compromising the safety and reliability of the complete system. A Qualified Person can make a determination on compatibility of equipment from different manufacturers. If in doubt, please contact Guardian for clarification.

- **COMPATIBILITY OF CONNECTORS:** Connectors (D-Rings, hooks, carabiners) must be capable of supporting at least 5,000 lbs. Non-compatible connectors may unintentionally disengage. Self-locking snap hooks and carabiners are *required* by ANSI and OSHA. Connectors must be compatible in size, shape, and strength.

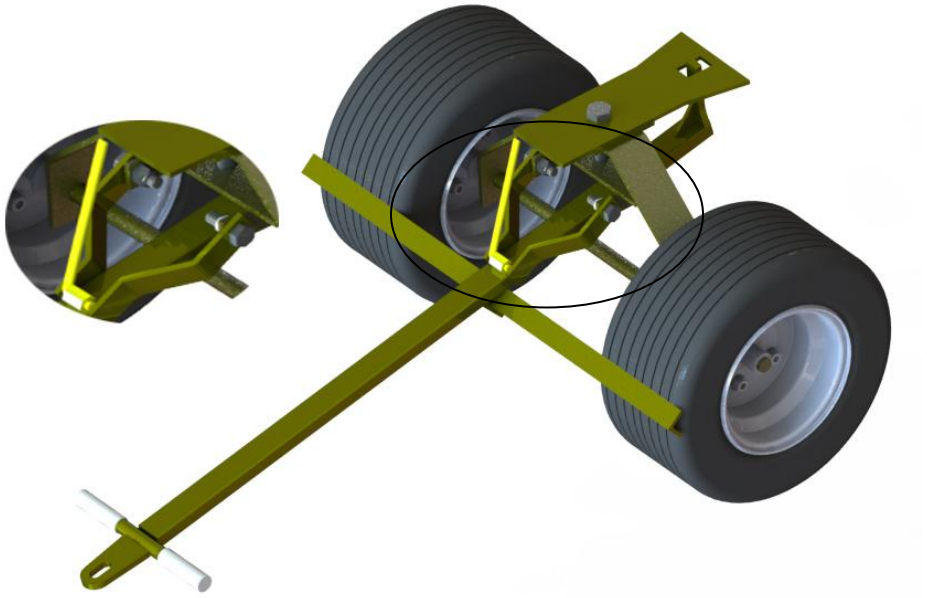
- **MAKING CONNECTIONS:** Only use self-locking snaphooks and carabiners with any Guardian equipment. Do not use equipment that is not compatible. If you have any questions on compatibility, please call Guardian.

WARNING!

LARGE THROAT OPENING SNAPHOOKS SHOULD NOT BE CONNECTED TO STANDARD SIZE D-RINGS OR SIMILAR OBJECTS WHICH WILL RESULT IN A LOAD ON THE GATE IF THE HOOK OR D-RING TWISTS OR ROTATES. LARGE THROAT SNAPHOOKS ARE DESIGNED FOR USE ON FIXED STRUCTURAL ELEMENTS SUCH AS REBAR OR CROSS MEMEBERS THAT ARE NOT SHAPED IN A WAY THAT CAN CAPTURE THE GATE OF THE HOOK.

HAMMER INSTALLATION:

1. Bolt the Hammer Handle to the yoke with the 5/8 x 2” bolts and 5/8” nylon locking nuts as shown in the image below:

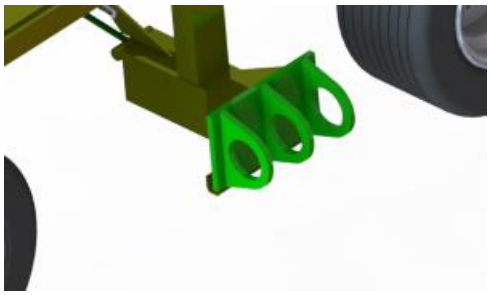


HAMMER INSTALLATION continued:

2. Verify that the surface to which the Hammer will be installed onto is capable of supporting both the Hammer and the personnel using it.

3. Position the Guardian Hammer a minimum of fifteen (15) feet from the leading edge. Make sure the Tie-Off rings are facing the leading edge and the cart is positioned to travel parallel to the leading edge.

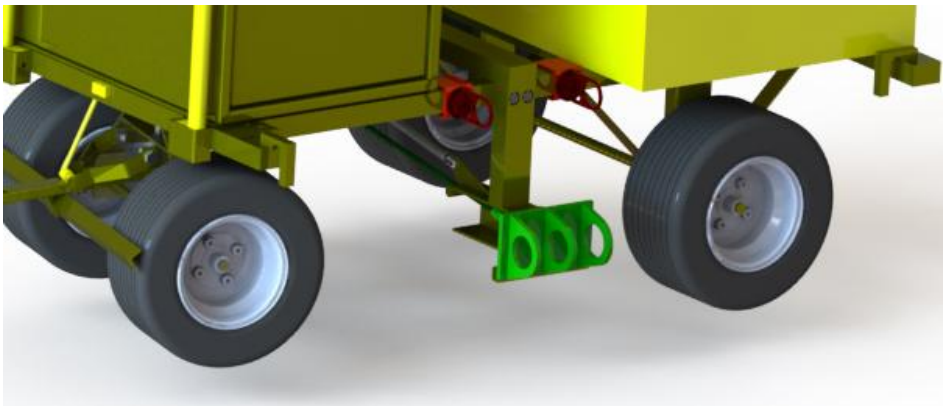
4. Attach the lifeline of each Personal Fall Arrest System to a Tie-Off Ring.



5. DO NOT attach lifelines to hoisting hooks or anywhere else on the hammer except the Tie-Off Rings.

FALL RESTRAINT TIE-OFF RING

6. Fall Restraint Tie-Off Rings may be installed on either side of the Safety Engagement Arm as shown in the image below. Secure the Rings using a 1 1/8" socket and ratchet.



7. When used for Fall Restraint, the user must be tied off in such a way that prevents them from falling over the leading edge.

HOISTING THE HAMMER:

- The Guardian Hammer is designed to be hoisted by a crane using a four-leg cable sling or bridle chain sling. See the image below.

- Use appropriate rigging gear for hoisting.
- Conduct regular inspection of rigging gear.
- Loads may slip or fall if proper lifting procedures are not followed.
- DO NOT HOOK LIFELINE TO DESIGNATED HOISTING HOOKS!

LABELS:

These labels must be present and legible on the Guardian Hammer at all times.

WARNING
HOISTING HOOKS FOR HOISTING ONLY
• NOT FOR SAFETY LINES •
ADVERTENCIA
GANCHOS DE IZAR ES PARA IZAR SOLAMENTE
• NO ES PARA LAS CUERDES SALVAVIDAS •

WARNING
RED HOOK FOR FALL RESTRAINT ONLY
GREEN HOOK FOR FALL RESTRAINT & HOISTING
ADVERTENCIA
ROJO DE IZAR ES PARA PREVENCION DE CAIDAS SOLAMENTE
VERDE DE IZAR ES PARA PREVENCION DE CAIDAS & IZAR

INSPECTION LOG:

USER MUST INSPECT EQUIPMENT BEFORE EACH USE. COMPETENT PERSON TO INSPECT AND INITIAL AT LEAST EVERY 6 MONTHS. **Date of First Use**_____												
YR.	J	F	M	A	M	J	J	A	S	O	N	D
This is a permanent system and does not expire. However a semi-annual inspection is required.												

"WE PUT OUR NAME ON THE PRODUCT
BECAUSE YOUR PUT YOUR LIFE ON THE LINE"

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